

ATTORNEY'S DOCKET NO.  
017083.0286

DIVISIONAL PATENT APPLICATION

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APPLICATION FOR U.S. PATENT UNDER 37 C.F.R. § 1.53(b)

**UTILITY PATENT APPLICATION TRANSMITTAL FORM**

**MAIL STOP PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the utility patent application of:

**Inventor(s) or Application Identifier:**

Jeffrey W. Sharp

Entitled: **THERMOELECTRIC DEVICE HAVING CO-EXTRUDED  
P-TYPE AND N-TYPE MATERIALS**

Filed: December 5, 2003

**APPLICATION ELEMENTS:**

1. ☒ **This Fee Transmittal Form (4 Total Pages)**
2. Applicant is:  
☐ Large Entity  
☒ **Small Entity**  
☐ Small Entity Statement enclosed  
☒ **Copy from prior application of the Small Entity Statement.**  
**Status still proper and desired.**
3. ☒ **Specification (23 Total Pages)**
4. ☒ **Drawings (7 Total Sheets)**  
☒ **Formal**  
☐ Informal
5. ☒ **Combined Declaration and Power of Attorney**  
☒ **(3 Total Pages)**  
☐ Newly executed (original or copy)  
☒ **Copy from a prior application**  
**(for continuation/divisional only)**

6. The accompanying application is:

☐ Original  
☐ Continuation  
☒ **Divisional**  
☐ Continuation-In-Part (CIP)  
**Prior Application No.: 09/872,394**  
**Filed: June 1, 2001**  
**Examiner: Khiem D. Nguyen**  
**Group/Art Unit: 2823**

which is hereby incorporated by reference therein.

(For Continuation or Divisional Applications only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5 above, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.)

7. ☐ Priority of foreign Application No. \_\_\_\_\_, filed on \_\_\_\_\_ is claimed under 35 U.S.C. § 119.  
☐ A certified copy is attached.  
☐ A certified copy was filed in prior Application Serial No. \_\_\_\_\_, filed \_\_\_\_\_.

8. ☒ The prior application is assigned of record to Marlow Industries, Inc., a Texas corporation, at reel 011877, frame 0942 in the U.S. Patent and Trademark Office records, and was recorded on June 1, 2001.

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**FEE CALCULATION:**

*CLAIMS AS FILED IN THE APPLICATION, LESS ANY CLAIMS CANCELLED  
BY PRELIMINARY AMENDMENT OR ADDED BY PRELIMINARY AMENDMENT*

FEE CALCULATION					SMALL ENTITY FEE
	Number		Number Extra	Rate	Basic Fee
					\$385.00
Total Claims:	3	-20 =	0	X \$9 =	\$0.00
Independent Claims	2	- 3 =	0	X \$43 =	\$0.00
TOTAL FILING FEE =					<b>\$385.00</b>

**ACCOMPANYING APPLICATION PARTS:**

9. ☐ An Assignment of the invention to \_\_\_\_\_ is attached. A separate cover sheet in compliance with 37 C.F.R. § 3.28 and § 3.31 is included with an Assignment recordal fee of \$\_\_\_\_ pursuant to 37 C.F.R. § 1.21(h).

10. ☒ **Information Disclosure Statement (IDS) PTO-1449 (4 Page Total)**  
☐ Copies of IDS Citations.  
☒ Pursuant to 37 C.F.R. § 1.98(d), copies of these references are not being furnished.

11. ☐ Preliminary Amendment

12. ☒ **Certificate of Mailing (1 page)**

13. ☒ **Return Receipt Postcard**

14. ☒ **Other: Customer Number Association (1 page)**

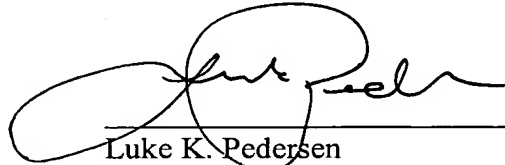
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DIVISIONAL PATENT APPLICATION

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15. [X] Enclosed is a check in the amount of \$385.00 for the filing fee. Please charge any additional fees or credit any overpayment to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,  
BAKER BOTTS L.L.P.  
Attorneys for Applicant

  
\_\_\_\_\_  
Luke K. Pedersen  
Reg. No. 45,003

Date: 12/5/03

Correspondence Address:

Customer Number: **05073**  
Attorney Docket No.: 017083.0286

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

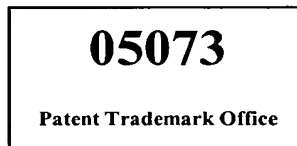
In re Application of: Jeffrey W. Sharp  
Serial No.: To be Assigned  
Filing Date: December 5, 2003  
Group No.: 2823  
Title: **THERMOELECTRIC DEVICE HAVING  
CO-EXTRUDED P-TYPE AND N-TYPE MATERIALS**

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

Dear Sir:

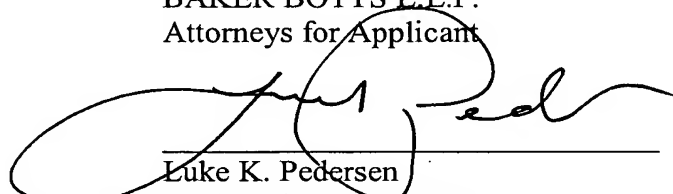
**CUSTOMER NUMBER ASSOCIATION**

Effective immediately, please associate Customer No. **05073** with the above-identified patent application, direct all correspondence pertaining to this patent application to practitioners at Customer Number:



and all telephone calls should be directed to Luke K. Pedersen at the above-mentioned Customer Number.

Respectfully submitted,  
BAKER BOTTS L.L.P.  
Attorneys for Applicant

  
\_\_\_\_\_  
Luke K. Pedersen  
Registration No. 45,003

Date: 12/5/03  
Baker Botts L.L.P.  
2001 Ross Avenue, Suite 600  
Dallas, TX 75201-2980  
Attorney Docket No.: 017083.0286

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:           Jeffrey W. Sharp  
Date Filed:                    December 5, 2003  
Title:                           **THERMOELECTRIC DEVICE HAVING CO-EXTRUDED  
P-TYPE AND N-TYPE MATERIALS**

**MAIL STOP PATENT APPLICATION**

Honorable  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

I hereby certify that the attached Divisional Patent Application (23 pages, including Specification, 3 Claims, and Abstract), Application Fee Transmittal Form (4 pages), 7 sheets of Formal Drawings, copy from prior application of executed Declaration and Power of Attorney (3 pages), copy from prior application of executed Verified Statement of Small Entity Status (1 page), Information Disclosure Statement (2 pages), PTO Form 1449 (2 pages), check in the amount of \$385.00 for application filing fee for small entity, Customer Number Association (1 page); Baker Botts L.L.P. acknowledgment return postcard (1 postcard); and this Certificate of Mailing by Express Mail are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on this 5th day of December, 2003 addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Willie Jiles*

Willie Jiles

Express Mail Receipt  
No. EV 323453121 US  
Attorney Docket No. 017083.0286

**EV323453121US**